

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | DBs                                                           | Default Operator | Plurals | Time Stamp          |
|-------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|------------------|---------|---------------------|
| L5    | 1342 | 271/178,187,315,224,414/793.9,794,198/404.cds.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | US-PGRUB;<br>USPAT; FRFS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/07/25<br>07:54 |
| L6    | 20   | ((US-20080036136-\$ or US-20070210508-\$).did. or (US-4431177-\$ or US-3046009-\$ or US-7222850-\$ or US-6341776-\$ or US-6109605-\$ or US-5803705-\$ or US-5692740-\$ or US-5518230-\$ or US-5114135-\$ or US-6619653-\$ or US-5058880-\$ or US-6612563-\$ or US-5899448-\$ or US-4595193-\$ or US-4470590-\$ or US-4228997-\$ or US-2403062-\$).did. or (JP-02243458-\$).did.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | US-PGRUB;<br>USPAT; JPO                                       | OR               | ON      | 2009/07/25<br>08:54 |
| L7    | 243  | "0671377"   "1325550"   "1363030"   "1573414"   "1762286"   "1905687"   "1955514"   "1956541"   "2067565"   "2109050"   "2403062"   "2406118"   "2850281"   "3062537"   "3162439"   "3355169"   "3390508"   "3409290"   "3416286"   "3429240"   "3459421"   "3512771"   "3719266"   "3722879"   "3773322"   "3785638"   "3827688"   "3847384"   "3847388"   "3851773"   "3860127"   "3904192"   "3907274"   "3910424"   "3912255"   "3968364"   "3968960"   "3994487"   "3997154"   "4024793"   "4052053"   "4060231"   "4088314"   "4120491"   "4139191"   "4188025"   "4228997"   "4230312"   "4252309"   "4357008"   "4357126"   "4363584"   "4431177"   "4431178"   "4439083"   "4445681"   "4465193"   "4469320"   "4470590"   "4491311"   "4501418"   "4522387"   "4589645"   "4600186"   "4638993"   "4639582"   "4678175"   "4712785"   "4718655"   "4736941"   "4878888"   "4883265"   "4893805"   "4915371"   "4916493"   "4925179"   "4969641"   "5026036"   "5058880"   "5065997"   "5083768"   "5090681"   "5098080"   "5110108"   "5112033"   "5114135"   "5125645"   "5145167"   "5163672"   "5169140"   "5172904"   "5180160"   "5261655"   "5374946"   "5409201"   "5452886"   "5473420"   "5476255"   "5489092"   "5512996"   "5518230"   "5639083"   "5647586"   "5692740"   "5732943"   "5772391"   "5803705"   "6135445"   "6443450"   "6877740").<br>FN. OR ("2007/0210508"   "2008/0036136"   "2403062"   "3046009"   "4228997"   "4431177"   "4470590"   "4595193"   "5058880"   "5114135"   "5518230"   "5692740"   "5803705"   "5899448"   "6109605"   "6341776"   "6612563"   "6619653"   "7222850").UFNN. | US-PGRUB;<br>USPAT; USOCR                                     | OR               | ON      | 2009/07/25<br>08:55 |
| L8    | 126  | 7 not (6 5)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | US-PGRUB;<br>USPAT; USOCR                                     | OR               | ON      | 2009/07/25<br>08:55 |
| L9    | 6    | ("3947388"   "4589654"   "4883265"   "4988087"   "5692740"   "7243914").FN. OR ("7556262").UFNN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | US-PGRUB;<br>USPAT; USOCR                                     | OR               | ON      | 2009/07/25<br>08:58 |
| L10   | 2    | ((("3046009" or ("4431177")).FN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | US-PGRUB;<br>USPAT                                            | OR               | OFF     | 2009/07/25<br>09:05 |
| S1    | 2    | ((("3046009" or ("4431177")).FN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | US-PGRUB;<br>USPAT                                            | OR               | OFF     | 2009/01/06<br>16:13 |
| S2    | 288  | (271/187).CCLS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | US-PGRUB;<br>USPAT; FRFS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2009/01/06<br>16:15 |
| S3    | 16   | ("4252309"   "4431177"   "4522387"   "4600186"   "4712785").<br>FN. OR ("5114135").UFNN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | US-PGRUB;<br>USPAT; USOCR                                     | OR               | ON      | 2009/01/06<br>16:23 |
| S4    | 1    | 10/590280.app.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | US-PGRUB;<br>USPAT                                            | OR               | ON      | 2009/01/07<br>16:12 |

## EAST Search History (Interference)

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7/25/2009 9:06:44 AM

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